Mountain Weather Forecast

Eryri (Snowdonia) National Park

Forecast valid from 00:00 on Monday 18 Dec 2023 until 23:59 on Tuesday 19 Dec 2023

Forecast Issued on Sunday 17 Dec 2023 at 16:39

Confidence: High for unsettled and increasingly cold and windy conditions through the forecast period but lower for timing of clearance of rain on Monday, Tuesday and again Wednesday.

Headline for Monday 18 Dec 2023: Cloudy with occasionally heavy rain, becoming drier this evening. Winds easing.

Mountain weather hazards on Monday 18 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain	Light rain	Heavy Rain	Light rain	Drizzle	Partly cloudy (night)
Precipitation probability							
50%	70%	70%	70%	80%	80%	50%	10%

Forecast for Monday 18 Dec 2023

Weather: Still a few clear spells at first in the east, otherwise cloudy through the early hours with outbreaks of occasionally heavy rain. Then a mostly cloudy day, perhaps some brighter spells at times in the east, with further outbreaks of rain, the rain most persistent and occasionally heavy across western hills, although some persistent and heavy rain likely widely across the area around the middle of the day. This will lead to some fast flowing water courses and very wet conditions underfoot. The rain becomes lighter and patchier from mid-afternoon before clearing away south through the evening with clear spells developing.

Chance of cloud-free hill tops above 800m: Little chance through much of the day gradually improving to around 75% through the evening.

Low Cloud and visibility: Periods or persistent cloud above 450-600m, locally 750m in the east, lowering to 300m, with patches below, across western hills, especially in heavier rain, cloud gradually breaking and lifting through the evening. Away from cloud visibility rather hazy and falling to just a few kilometres in heavier rain, but becoming good or very good through the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Monday 18 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	41/52 SW	38/47 SW	34/43 SW	36/46 SW	33/43 SW	26/35 SW	22/29 W	15/21 W	13/17 W
600	28/38 S	24/33 SW	23/31 SW	24/33 SW	22/32 SW	18/26 SW	16/22 W	11/17 W	9/13 W
300	19/34 S	17/30 SW	15/27 SW	16/30 SW	15/27 SW	13/23 SW	11/19 W	6/13 W	5/10 W
Valley	19/35 S	16/30 SW	14/26 SW	15/28 SW	14/26 SW	13/24 SW	11/20 W	7/14 W	6/12 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-2	6/-1	6/0	6/1	7/1	7/2	6/1	5/1	4/0
600	7/1	7/2	8/3	8/4	8/4	8/4	8/4	7/4	6/3
300	8/4	9/6	9/6	10/6	10/7	10/7	9/7	9/7	8/7
Valley	10/6	10/7	11/8	11/8	12/9	11/9	11/8	10/8	9/8
Freezing Level*	3100m	2900m	2400m	2700m	2700m	2500m	2100m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over ridges and summits through the morning, along with heavy rain, leading to a significant chill despite the mild temperatures.

Forecast for Tuesday 19 Dec 2023

Weather: Clear spells at first but cloud increasing bringing outbreaks of occasionally heavy rain through the early hours. The cloud clears soon after dawn to leave a much brighter day with some good spells of sunshine and scattered showers, these falling increasingly as snow above about 750m.

Maximum wind: Westerly or northwesterly 15mph increasing 25mph by midday, with gusts around 45mph over ridges and summits by evening.

Chance of cloud-free hill tops above 800m: Close to zero at first soon improving to 75%

Low Cloud and visibility: Periods of cloud above 450-600m at first soon becoming more occasional above 600-750m. Away from cloud visibility very good, falling to several kilometres in rain or showers and perhaps a kilometre in snow showers.

Temperature: **Valleys:** Around plus 7 or 8 Celsius at dawn and rising to plus 9 Celsius by day
At 800m: Around plus 2 Celsius
Freezing level: Falling to around 900m in the afternoon.

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Mountain Weather Forecast

Ground Conditions Supplement
Please see - https://yrwyddfa.live/
Issued at: 1639 on Sun 17 Dec 2023

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